

AMENDMENTS TO THE CLAIMS

The claims are presented below with revision marks to indicate amendments.

1. (CURRENTLY AMENDED) A method comprising:
enabling current shunting for a shunt-enabled subset of a plurality of lines terminated by termination circuitry, each shunt-enabled line having an associated current shunt; and
drawing current from a termination voltage supply through a termination voltage delivery network to the termination circuitry for each line carrying a first signal; and
drawing current from the termination voltage supply through the termination voltage delivery network to the associated current shunt for each shunt-enabled line carrying a second signal.
~~—drawing current from a termination voltage supply and through a termination voltage delivery network by termination circuitry in response to a first signal on one or more lines terminated by the termination circuitry; and~~
~~—shunting current from the termination voltage supply and through the termination voltage delivery network in response to a second signal on one or more terminated lines to help define a range of current variation through the termination voltage delivery network.~~
2. (CURRENTLY AMENDED) The method of claim 1, wherein the current shunt associated with a selected shunt-enabled line carrying the second signal shunts substantially the same amount of current as that drawn by the termination circuitry in response to the selected shunt-enabled line carrying the first signal.
~~wherein the shunting comprises shunting in response to a second signal on a terminated line approximately the same amount of current as that drawn by the termination circuitry in response to a first signal on that terminated line.~~

3. (CURRENTLY AMENDED) The method of claim 1, wherein the current shunt associated with a selected shunt-enabled line carrying the second signal shunts less current than that drawn by the termination circuitry in response to the selected shunt-enabled line carrying the first signal.

~~wherein the shunting comprises shunting in response to a second signal on a terminated line less current than that drawn by the termination circuitry in response to a first signal on that terminated line.~~

4. (CURRENTLY AMENDED) The method of claim 1, comprising setting ~~controlling circuitry to help set~~ a minimum amount of current to be drawn from the termination voltage supply and through the termination voltage delivery network.

5. (CURRENTLY AMENDED) The method of claim 4, wherein the setting comprises at least one of: i) enabling current shunting for at least one line; and ii) disabling current shunting for at least one other line.

~~controlling comprises enabling current shunt circuitry for one or more terminated lines and disabling current shunt circuitry for one or more other terminated lines.~~

6. (CURRENTLY AMENDED) The method of claim 4, wherein the ~~controlling~~ setting comprises setting a first amount of current to be shunted in response to a second signal on a ~~terminated~~ line, wherein the first amount of current is less than a second amount of current to be drawn by the termination circuitry in response to a first signal on that ~~terminated~~ line.

7. (CURRENTLY AMENDED) The method of claim 6, wherein the setting the first amount of current comprises activating ~~one or more switches~~ at least one switch to set a resistance between the termination voltage supply and another voltage supply.

8. (CURRENTLY AMENDED) An apparatus comprising:
termination circuitry to terminate one or more lines, the termination circuitry to draw current from a termination voltage supply and through a termination voltage delivery network; and
partial current shunt circuitry to draw current from the termination voltage supply and through the termination voltage delivery network,
wherein a maximum current drawn by the partial current shunt circuitry is less than a maximum current drawn by the termination circuitry. ~~to help define a range of current variation through the termination voltage delivery network.~~
9. (CURRENTLY AMENDED) The apparatus of claim 8, wherein the partial current shunt circuitry draws current in response to a signal on at least one of the lines but not in response to the same signal on another line. ~~comprises circuitry to draw current in response to a signal on one or more terminated lines and to not draw current in response to the signal on one or more other terminated lines.~~
10. (CURRENTLY AMENDED) The apparatus of claim 8, wherein the partial current shunt circuitry comprises circuitry to draw a first amount of current in response to a signal on ~~a terminated~~ one line, wherein the first amount of current is less than a second amount of current to be drawn by the termination circuitry in response to another signal on that ~~terminated~~ line.
11. (CURRENTLY AMENDED) The apparatus of claim 8, wherein the partial current shunt circuitry comprises current shunt control circuitry to ~~help~~ set a minimum amount of current to be drawn from the termination voltage supply and through the termination voltage delivery network.
12. (CURRENTLY AMENDED) The apparatus of claim 8, wherein the partial current shunt circuitry comprises current shunt control circuitry ~~to enable~~ that performs at least one of the following: i) enables current shunt circuitry for at least one line, and ii) disables current shunt circuitry for at least one other line.

~~one or more terminated lines and to disable current shunt circuitry for one or more other terminated lines.~~

13. (CURRENTLY AMENDED) The apparatus of claim 8, wherein the partial current shunt circuitry comprises current shunt control circuitry to ~~help~~ set a first amount of current to be drawn in response to a signal on a ~~terminated~~ one line, wherein the first amount of current is less than a second amount of current to be drawn by the termination circuitry in response to another signal on that ~~terminated~~ line.

14. (CURRENTLY AMENDED) The apparatus of claim 13, wherein the partial current shunt circuitry comprises a plurality of switches to ~~help~~ set a resistance between the termination voltage supply and another voltage supply, wherein the current shunt control circuitry sets the first amount of current by activating at least one switch of the partial current shunt circuitry; ~~and wherein the current shunt control circuitry is to help set the first amount of current by activating one or more switches of the partial current shunt circuitry.~~

15. (CURRENTLY AMENDED) An apparatus comprising:
means for terminating a plurality of lines, wherein current is drawn from a termination voltage supply through a voltage delivery network to the means for terminating for each line carrying a first signal; and
_____ means for selectively shunting current drawn from the termination voltage supply and through the termination voltage delivery network for each line of a subset of the plurality of lines when that line is carrying a second signal.
~~_____ means for terminating one or more lines; and~~
~~_____ means for shunting current from a termination voltage supply and through a termination voltage delivery network to help define a range of current variation through the termination voltage delivery network.~~

16. (CURRENTLY AMENDED) The apparatus of claim 15, comprising means for ~~helping set~~ setting a minimum amount of current to be drawn through the termination voltage delivery network.

17. (CURRENTLY AMENDED) A system comprising:

a bus comprising ~~one or more lines~~ at least one line;

a termination voltage supply; and

a plurality of devices coupled to the bus, wherein at least one device is a terminating device comprising a termination voltage delivery network and termination circuitry coupled to the termination voltage supply to terminate ~~one or more lines~~ at least one line of the bus, the terminating device having partial termination voltage current shunting, wherein a current drawn by the termination circuitry from the termination voltage supply through the termination voltage delivery network in response to a selected line carrying a first signal is greater than any current shunted away from the termination circuitry in response to the selected line carrying a second signal. ~~to help define a range of current variation through the termination voltage delivery network.~~

18. (CURRENTLY AMENDED) The system of claim 17, wherein the terminating device comprises partial current shunt circuitry to draw current in response to a signal on at least one of the lines but not in response to the same signal on another line. ~~from the termination voltage supply and through the termination voltage delivery network in response to a signal on one or more terminated lines and to not draw current from the termination voltage supply in response to the signal on one or more other terminated lines.~~

19. (CURRENTLY AMENDED) The system of claim 17, wherein the terminating device comprises partial current shunt circuitry to draw a first amount of current from the termination voltage supply and through the termination voltage delivery network in response to a signal on a ~~terminated~~ one line, wherein the first amount of current is less than a second amount of

current to be drawn by the termination circuitry in response to another signal on that ~~terminated~~ line.

20. (CURRENTLY AMENDED) The system of claim 17, wherein the terminating device comprises current shunt control circuitry to ~~help~~ set a minimum amount of current to be drawn from the termination voltage supply and through the termination voltage delivery network.

21. (CURRENTLY AMENDED) The system of claim 17, wherein the terminating device comprises current shunt control circuitry that performs at least one of the following: i) enabling current shunt circuitry for at least one line, and ii) disabling current shunt circuitry for at least one other line.
~~to enable current shunt circuitry for one or more terminated lines and to disable current shunt circuitry for one or more other terminated lines.~~

22. (CURRENTLY AMENDED) The system of claim 17, wherein the terminating device comprises current shunt control circuitry to ~~help~~ set a first amount of current to be drawn in response to a signal on a ~~terminated one~~ line, wherein the first amount of current is less than a second amount of current to be drawn by the termination circuitry in response to another signal on that ~~terminated~~ line.

23. (CURRENTLY AMENDED) The system of claim 22, wherein the terminating device comprises current shunt circuitry comprising a plurality of switches to ~~help~~ set a resistance between the termination voltage supply and another voltage supply, wherein the current shunt control circuitry sets the first amount of current by activating at least one switch of the current shunt circuitry; ~~and~~
~~—wherein the current shunt control circuitry is to help set the first amount of current by activating one or more switches of the current shunt circuitry.~~